

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-255880

(43)Date of publication of application : 11.09.2002

(51)Int.Cl.

C07C 37/20  
B01J 31/10  
C07C 39/16  
// C07B 61/00

(21)Application number : 2001-056471

(71)Applicant : IDEMITSU PETROCHEM CO LTD

(22)Date of filing : 01.03.2001

(72)Inventor : IWAHARA MASAHIRO  
SARUWATARI TETSUYA

## (54) METHOD FOR BISPHENOL A PRODUCTION

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for producing bisphenol A in a high conversion rate with controlling reduction in catalytic activity by methanol being an impurity in acetone when bisphenol A is produced by condensing phenol with acetone by using an acid type ion exchange resin catalyst partially modified with a sulfur-containing amine compound.

SOLUTION: A modified acid type ion exchange resin having  $\geq 10$  mol % and  $< 20$  mol % modification ratio is used as the modified acid type ion exchange resin when methanol concentration in acetone is  $< 250$  wt.ppm. A modified acid type ion exchange resin having 20-65 mol % modification ratio is used as the modified acid type ion exchange resin when the methanol concentration is 250-8,000 wt.ppm.

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office